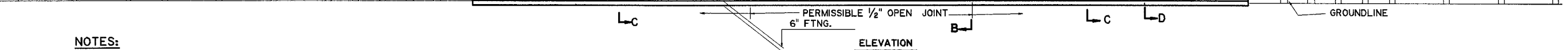
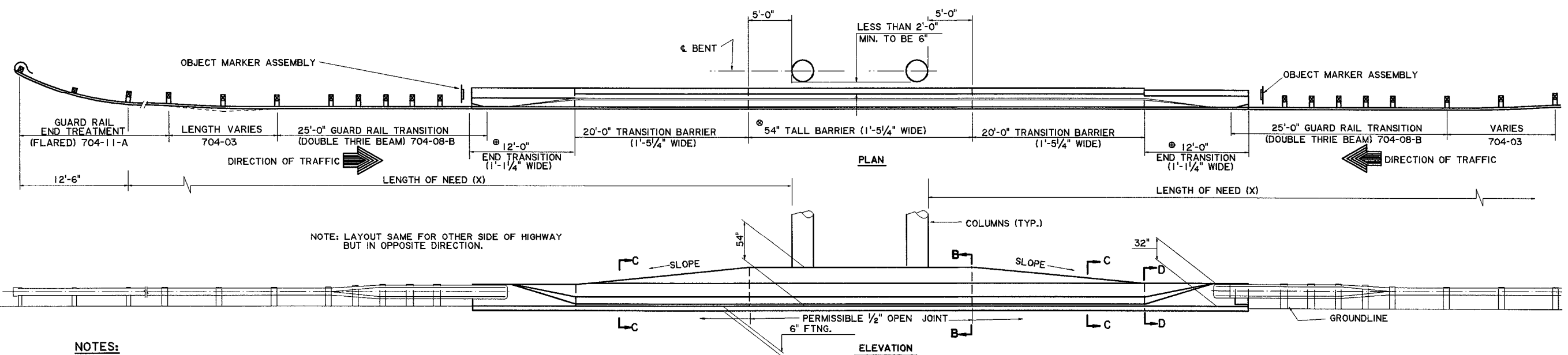


TYPICAL FOR DIVIDED HIGHWAY



TYPICAL FOR UNDIVIDED HIGHWAY WITH FILL SECTION

NOTES:

DETAILS ON THIS SHEET ARE FOR USE
ON FREEWAYS ONLY.

- ⑥ LENGTH OF 54" TALL BARRIER TO BE DETERMINED BY THE LENGTH OF THE OBJECT TO BE PROTECTED. REGARDLESS OF LENGTH OF NEED (X), A MINIMUM OF 75'-0" GUARD RAIL SHALL BE INSTALLED AT THE END OF CONCRETE BARRIER. WHEN MINIMUM GUARD RAIL IS USED, THE 25'-0" TRANSITION IS IMMEDIATELY FOLLOWED BY THE END TREATMENT. SEE NOTE 2, SHEET 1 OF 9, GR-200.

FOR ADDITIONAL INFORMATION AND BARRIER RAIL
DETAILS, SECTION B-B, C-C, D-D & E-E SEE
SHEET 7 AND 8 OF 8.



THIS STANDARD PLAN SHALL BE USED IN CONJUNCTION
WITH STANDARD PLAN GR-200.

- ⊕ FOR BARRIER REINFORCING DETAILS OF 12'-0" TRANSITION & TAPER, SEE STANDARD DETAIL BR-01

FUTURE OVERLAYS:

FOR FUTURE OVERLAY ON THE SHOULDER, WHERE IT MEETS THE PIER PROTECTION, THE OVERLAY SHALL PREFERABLY BE A MAXIMUM OF 3". THUS THE EFFECTIVE HEIGHT OF THE BARRIER AT 32' AND THE ATTACHED THREE BEAM CAN BE LOWERED UP TO 3' WITHOUT FURTHER MODIFICATION TO THE HEIGHT OF THE BARRIER SYSTEM.

WHEN THE OVERLAY ON THE SHOULDER MUST EXCEED THE 3" MAXIMUM REQUIREMENT, MODIFY THE APPROACH SECTION OF THE PIER PROTECTION SYSTEM AT SECTION D-D TO WHICH THE THREE BEAM CONNECTS, BY RAISING IT TO A HEIGHT EQUAL TO THE DEPTH OF THE REQUIRED OVERLAY. THIS WOULD ALSO REQUIRE THE GUARDRAIL TO BE RAISED BY AN EQUAL AMOUNT.

		STANDARD PLAN	GR-201	HIGHTWAY GUARD RAILS FILL SECTION (LESS THAN 2'-0" CLEARANCE)				
				APPROVED BY _____ DATE _____				
				CHIEF ENGINEER: _____				
				REVISION DESCRIPTION				
				DATE	BY		APPROVED	
CHECKED	G. GRASS		FEDERAL PROJECT	PARKISH	SHEET NUMBER			
DETAILED	P. FOSSIER		STATE PROJECT					
DATE	SHEET		MAY, 2001 6 OF 8					
Original Signed by Chief Engineer								
DATE: 6/4/01								